

32. Tool arrays according to claim 11, characterized in that each individual tool is a clamp.

33. Tool arrays according to claim 11, characterized in that each individual tool is a tweezers.

34. Tool arrays according to claim 11, characterized in that the polymer micromuscles are built of layers, of which at least one is a conjugated polymer.

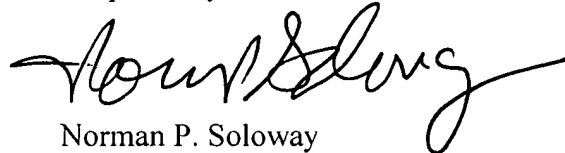
35. Tool arrays according to claim 34, characterized in that the conjugated polymer is selected from the group consisting of pyrrole, aniline, thiophene, para-phenylene, vinylene, and phenylene polymers and copolymers including substituted forms of the different monomers.--

REMARKS

The claims have been revised to eliminate multiple dependencies and new claims have been added to further scope the invention. No new matter is believed entered by any of the foregoing amendments. Pursuant to 37 CFR 1.121, a marked copy of the amended claims showing the changes made therein accompanies this amendment.

The filing fees have been calculated based on the claims as amended. In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

Respectfully submitted,



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5. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to position a biological structure.

6. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to hold a biological structure.

7. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to cut a biological structure.

8. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to dilate a biological structure.

9. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to fortify a biological structure.

10. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that the mechanical movement is used to implant a biological structure.

11. (Amended) Tool arrays according to [one or more of claims 1-4] claim 1, characterized in that a number of identical tools are located on a tool array extending along a length of the cannula, catheter or needle, and wherein the actuation of a tool closest to the exit of the catheter is arranged to release a tool from the tool array and is arranged to leave it at the point of exit of the catheter in order to mount the tool at/in some biological structure.

14. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a clip arranged to join biological tissues or tissue parts, and arranged to hold the said tissues or tissue parts to allow healing.

15. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is an expandable cylindrical object designed to be inserted, in a contracted state, into a biological tube, and arranged to become expanded to keep said tube in an expanded state or to join two or more biological tubes.

16. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a scissors.

17. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a knife, which is arranged on an actuator, being arranged for linear and/or angular movement.

18. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a sharp needle that is arranged on an actuator being arranged for linear and/or angular movement.

19. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a dilator.

20. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a clamp.

21. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the individual tool is a tweezers.

22. (Amended) Tool arrays according to [one or more of claims 1-13] claim 1, characterized in that the polymer micromuscles are built of layers, of which at least one is a conjugated polymer.